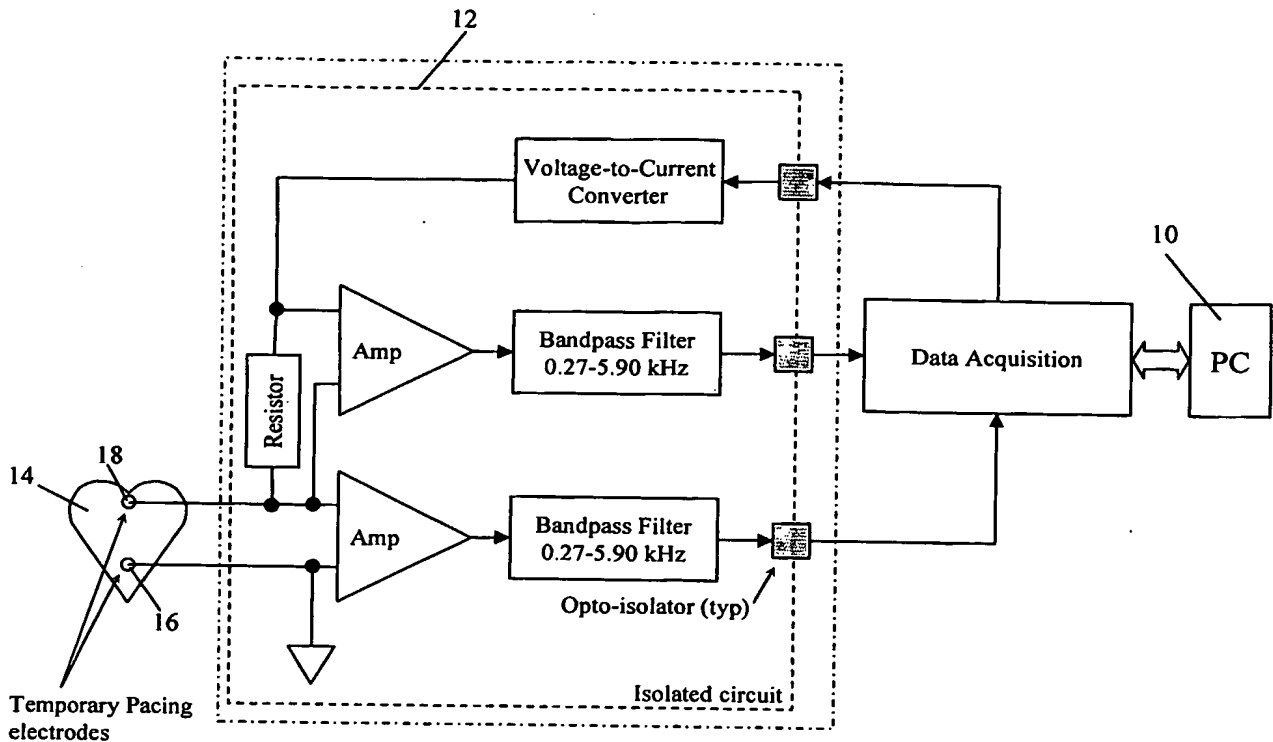


Fig. 1



Patient ID	Age	Gender	Targeted Vessel	% Stenosis	Comments
2	60	M	LAD	100	
3	73	M	LAD	90	
4	74	M	LAD	100	
5	58	M	LAD	95	
6	64	F	LAD	85	
7	59	F	LAD	75	
8	41	M	LAD	70	
9	53	M	LAD + 1 st Diagonal	85	1st diagonal 85% stenosed
10	62	M	LAD	70	
11	72	F	LAD + 1 st Diagonal	95	1st diagonal 50% stenosed
12	52	F	RCA	80	
14	49	F	LAD	85	
15	51	F	LAD	95	
16	54	M	LAD	70	
17	63	M	LAD	100	
18	49	M	LAD	80	
19	67	F	LAD + 1 st Diagonal	75	1st diagonal 95% stenosed
20	50	M	LAD	70	

Fig. 2

Fig. 3

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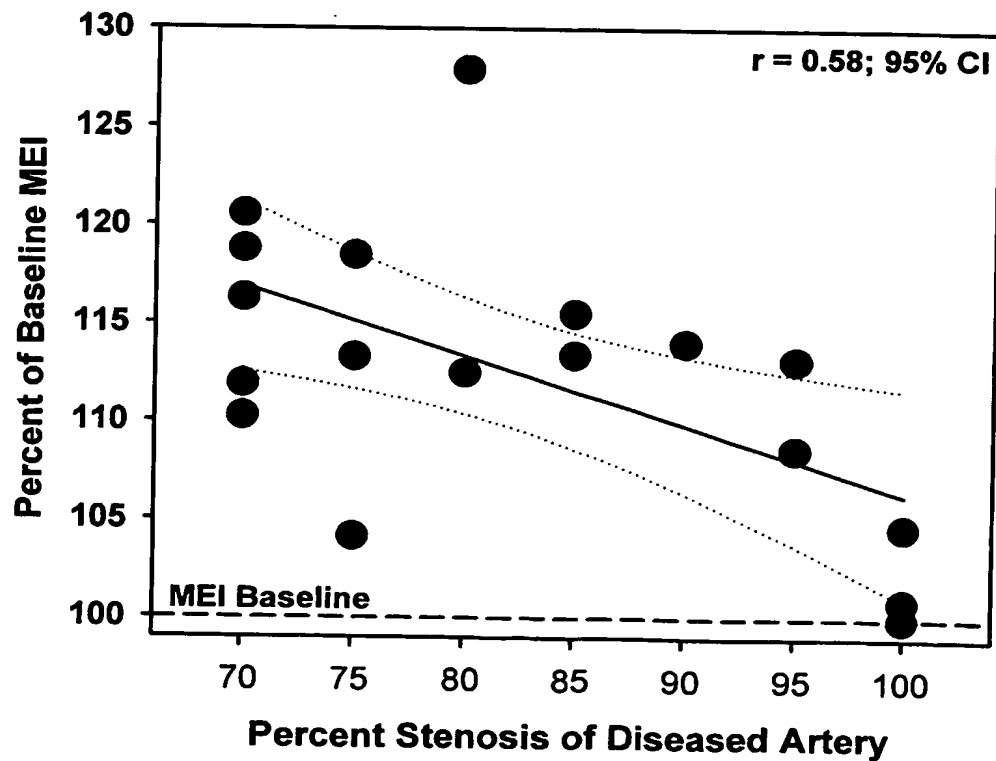
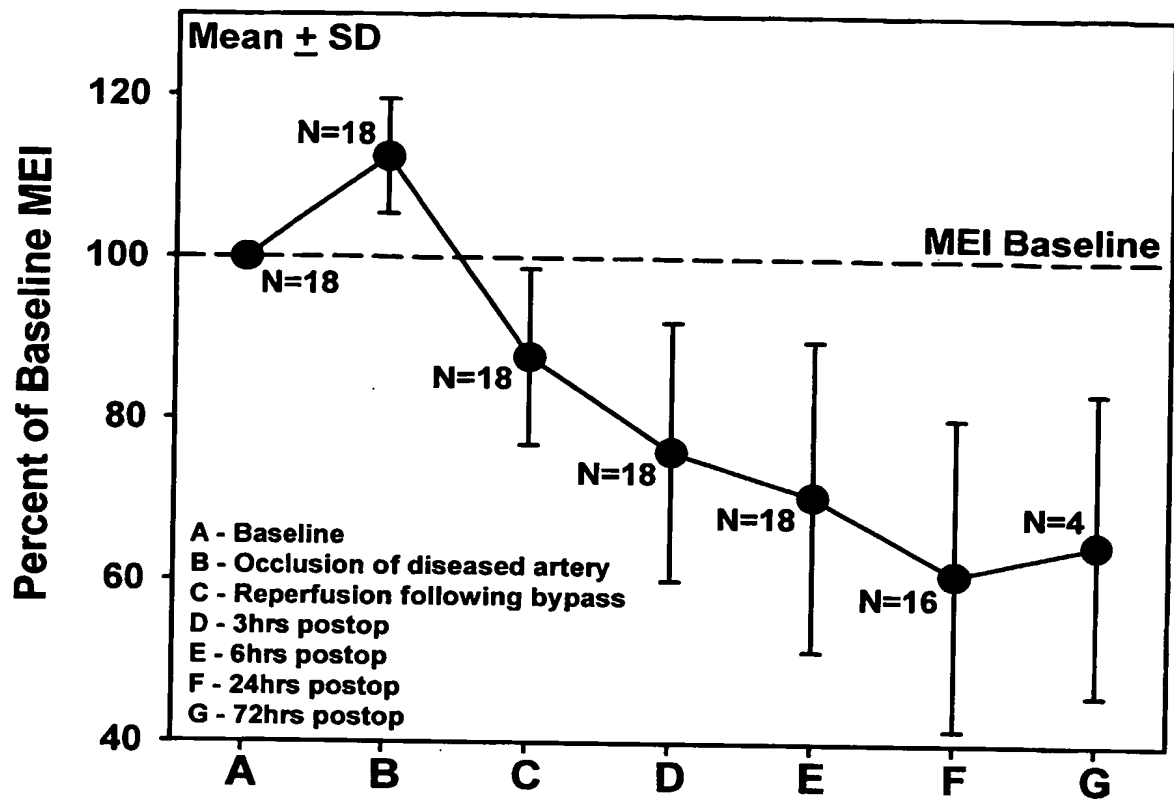


Fig. 4

Fig. 5

<i>Parameter</i>	<i>P (n=7)</i>	<i>D (n=10)</i>	<i>H (n=7)</i>
<i>Baseline (W)</i> ^{*,†}	444.0±66.81	780.8±38.81	489.1±134.80
<i>Time to plateau (min)</i> ^{*,†}	4.7±1.15	46.3±12.93	4.1±1.91
<i>Normalized Plateau (%)</i> _{‡,*}	15.3±4.65	19.6±2.59	11.0±6.01

[†]†: P<0.05 P vs. D, ‡: P<0.05 P vs. H, *: P<0.05 D vs. H.

Fig. 6

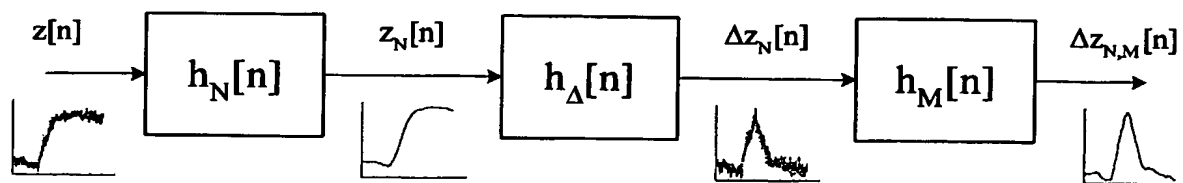
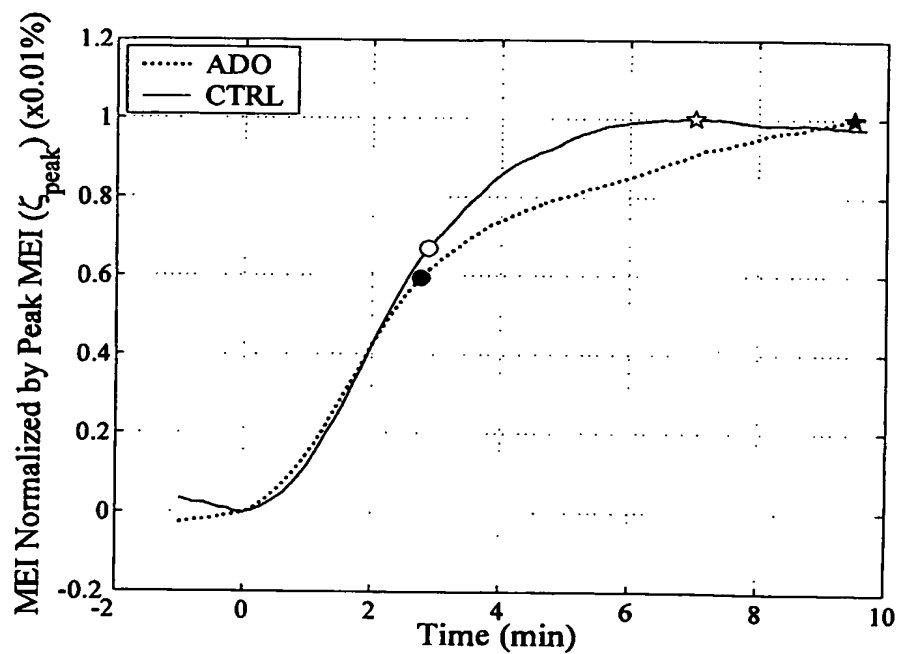


Fig. 7



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Fig. 8

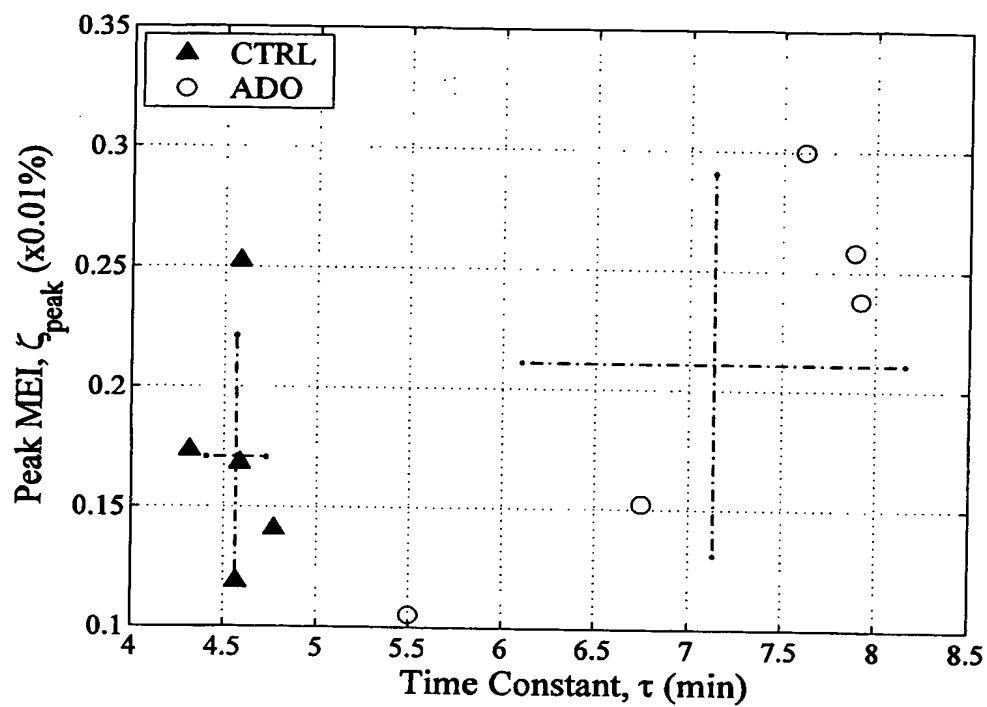


Fig. 9

MEI Parameter	ADO (n=5)	CTRL (n=5)
Peak MEI (ζ_{peak} , %)	21.08 \pm 7.98	17.06 \pm 5.01
UT (t_v , min)	2.76 \pm 1.65	2.89 \pm 0.95
TC (τ , min) ^(*)	7.13 \pm 1.03	4.56 \pm 0.16

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Fig. 10

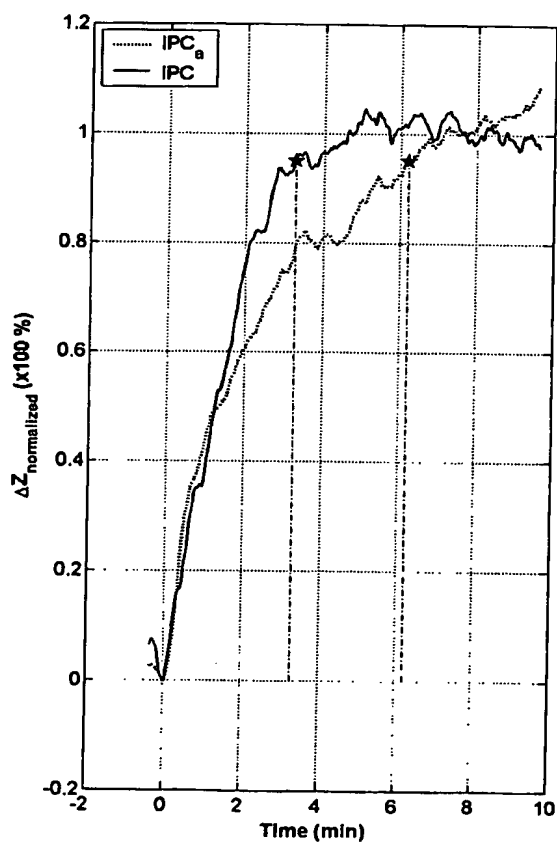
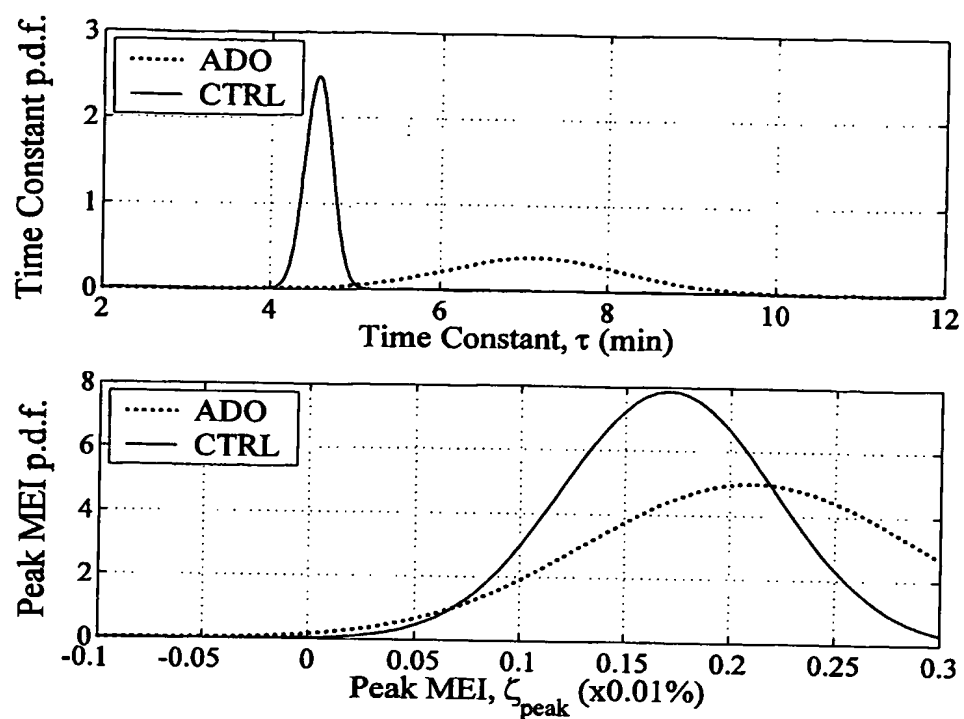


Fig. 11

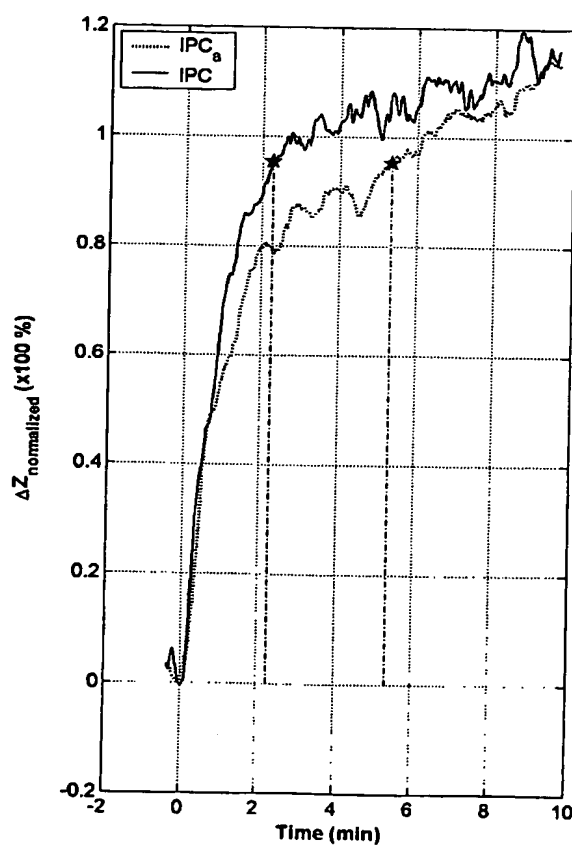


Fig. 12

Fig. 13

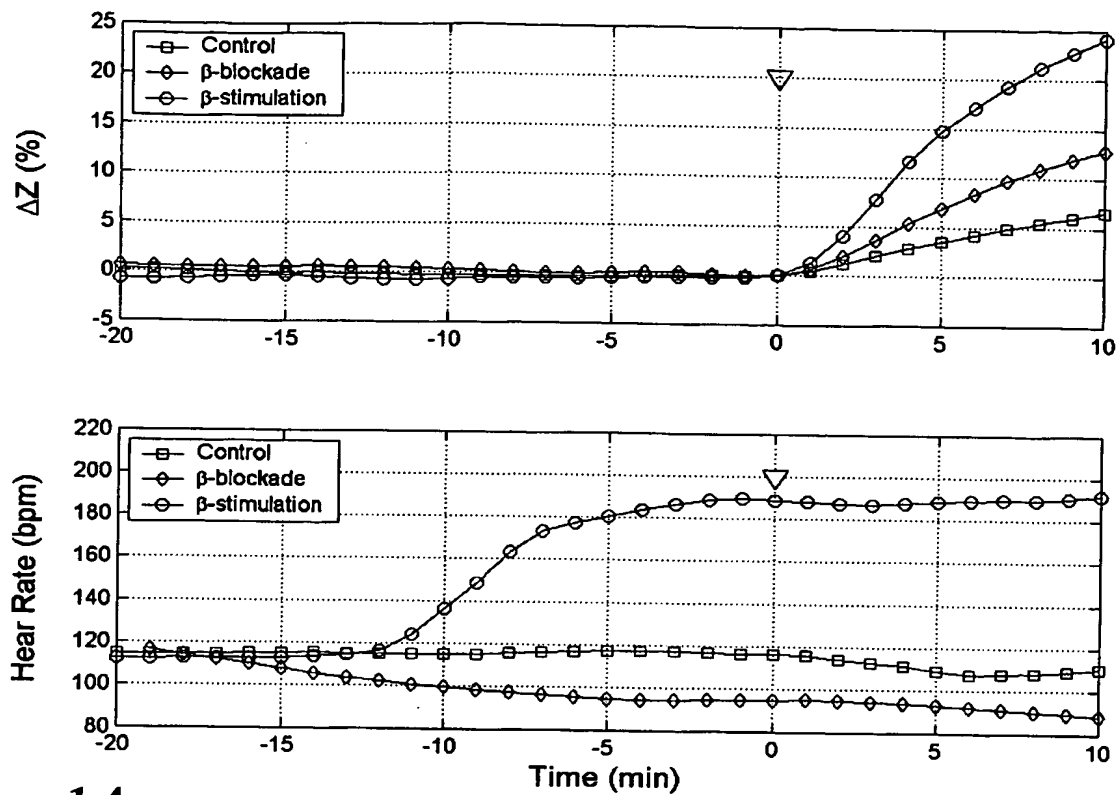


Fig. 14

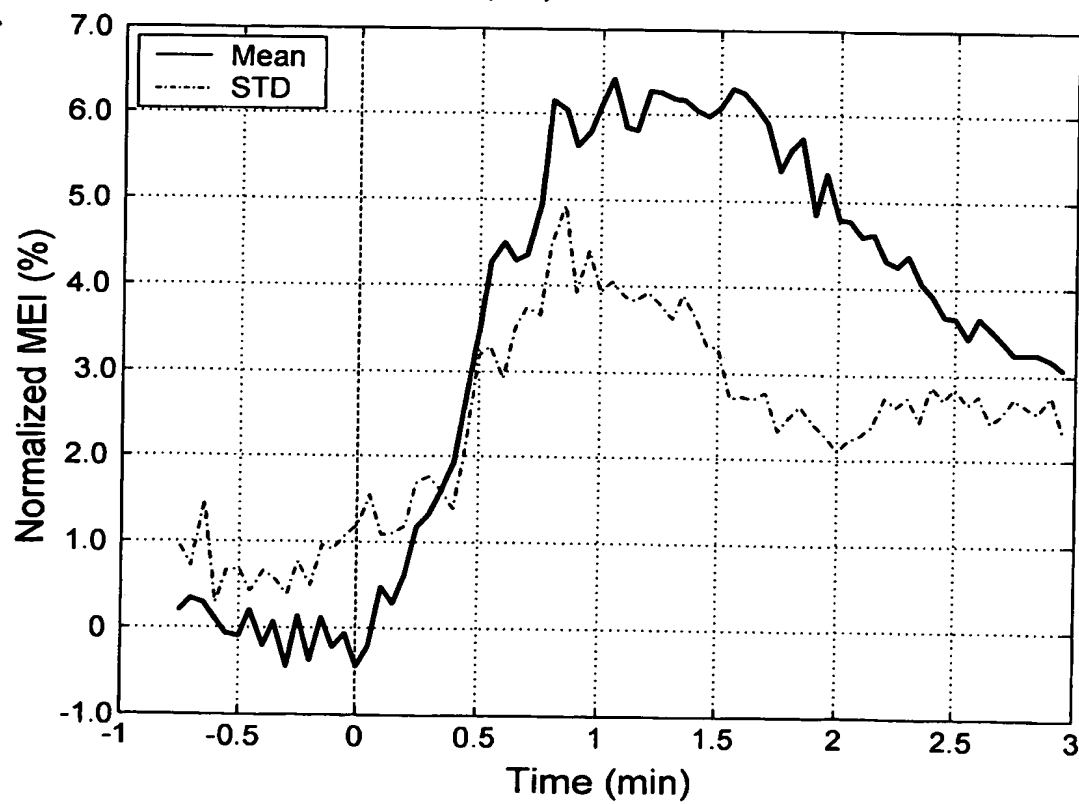


Fig. 15